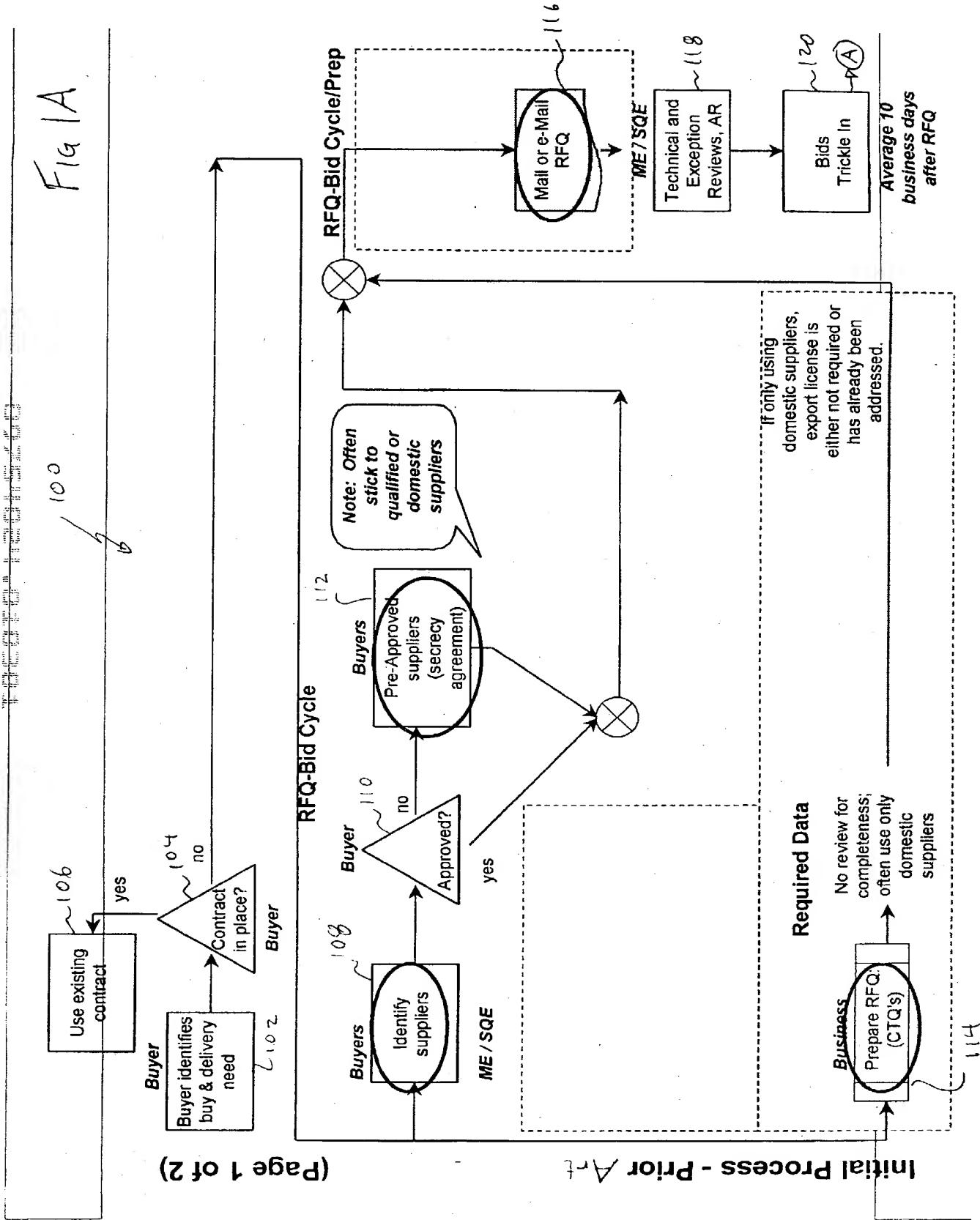


Fig A

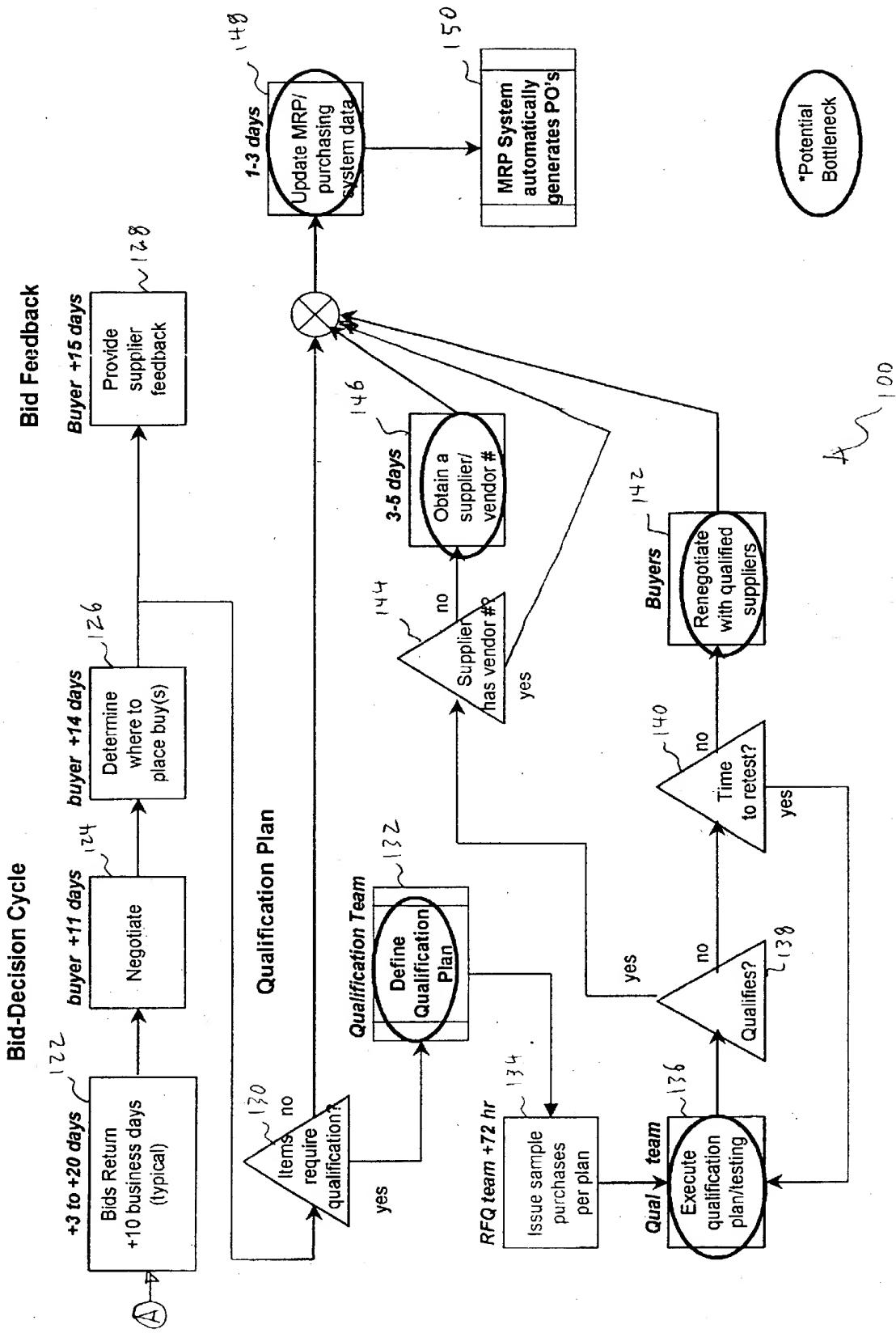


Initial Process - Prior Art

(Page 2 of 2)

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Fig 1B



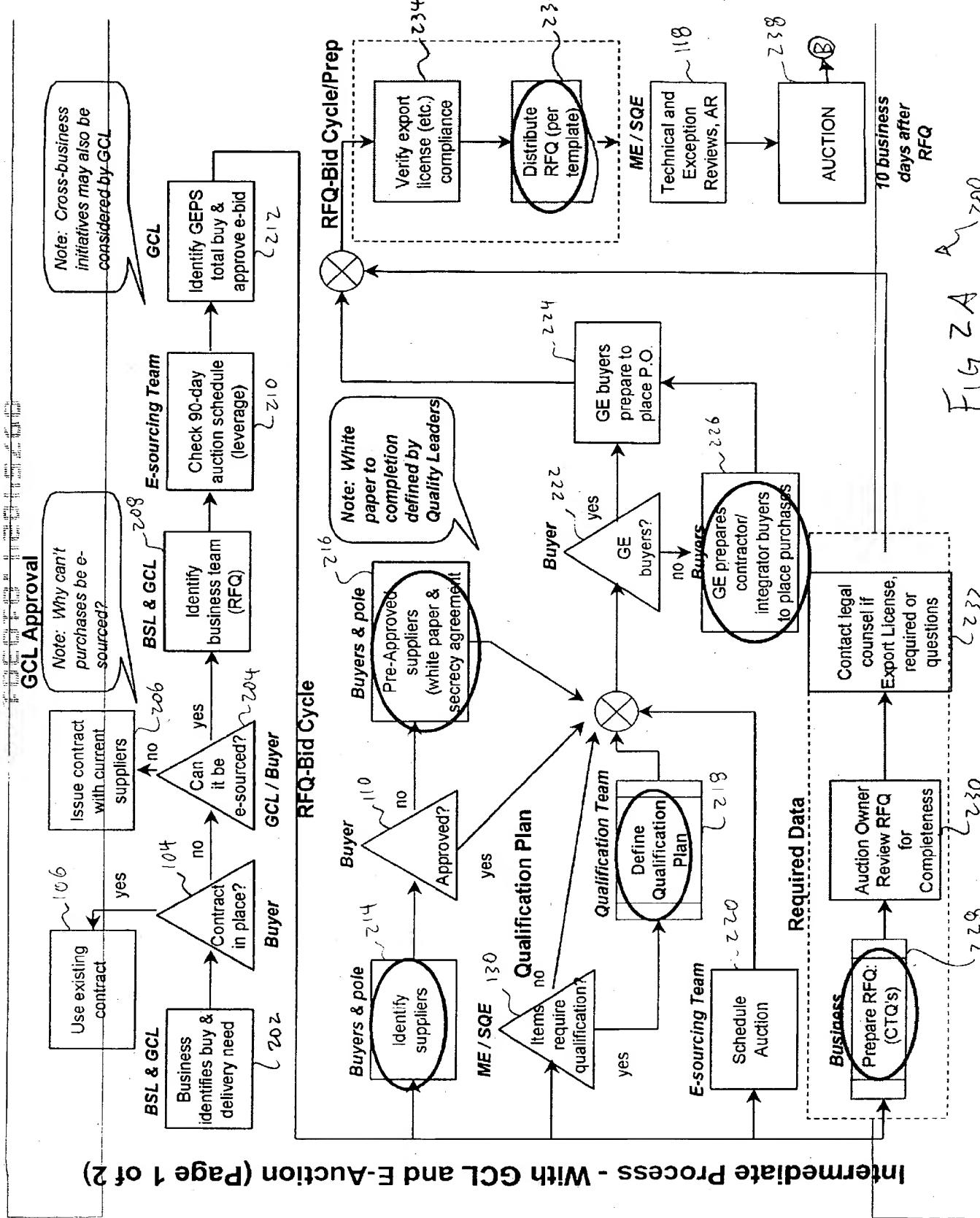


Fig ZA A 200

228
229
230

Intermediate Process - With GCL and E-Auction (Page 2 of 2)

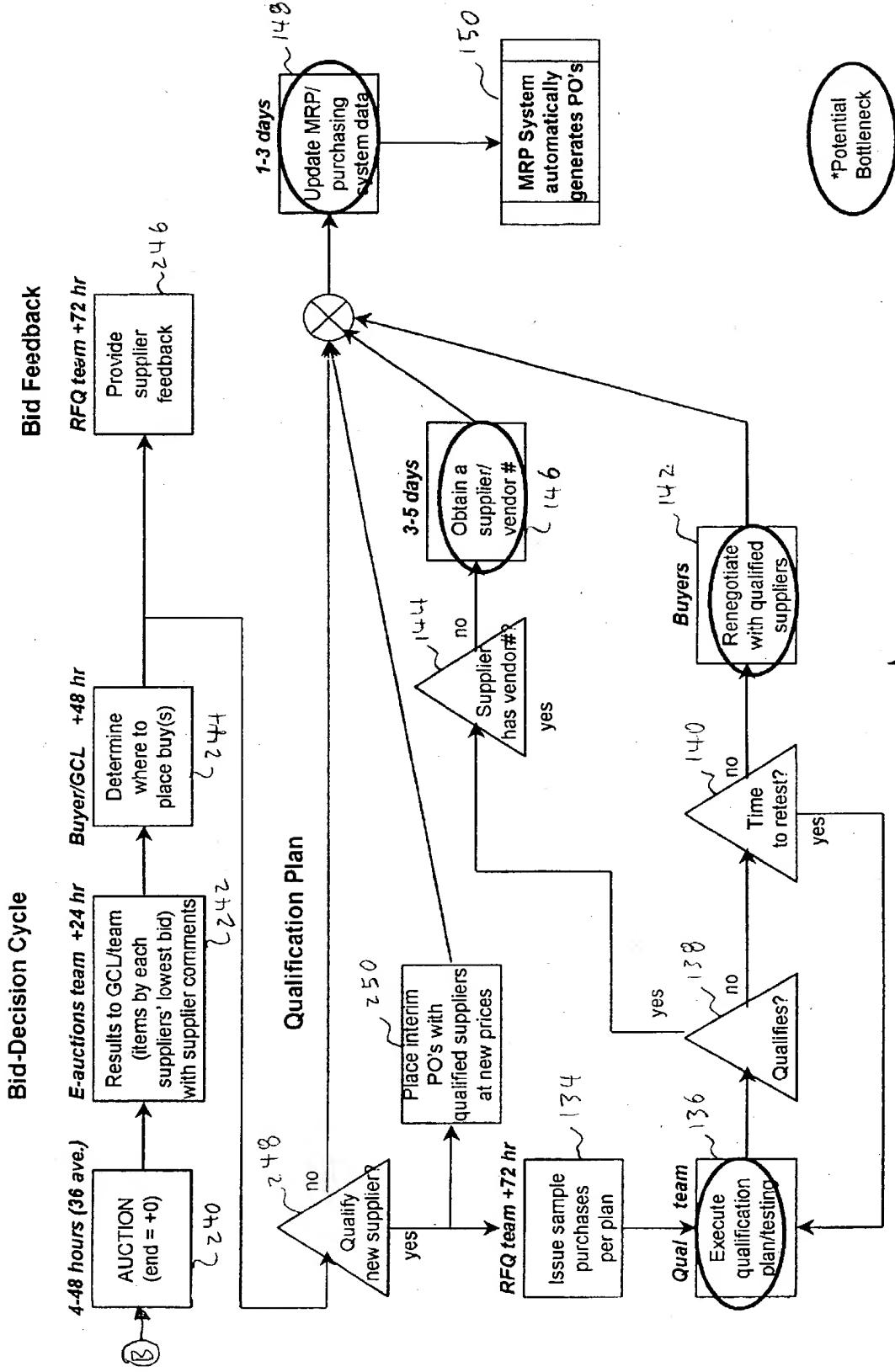
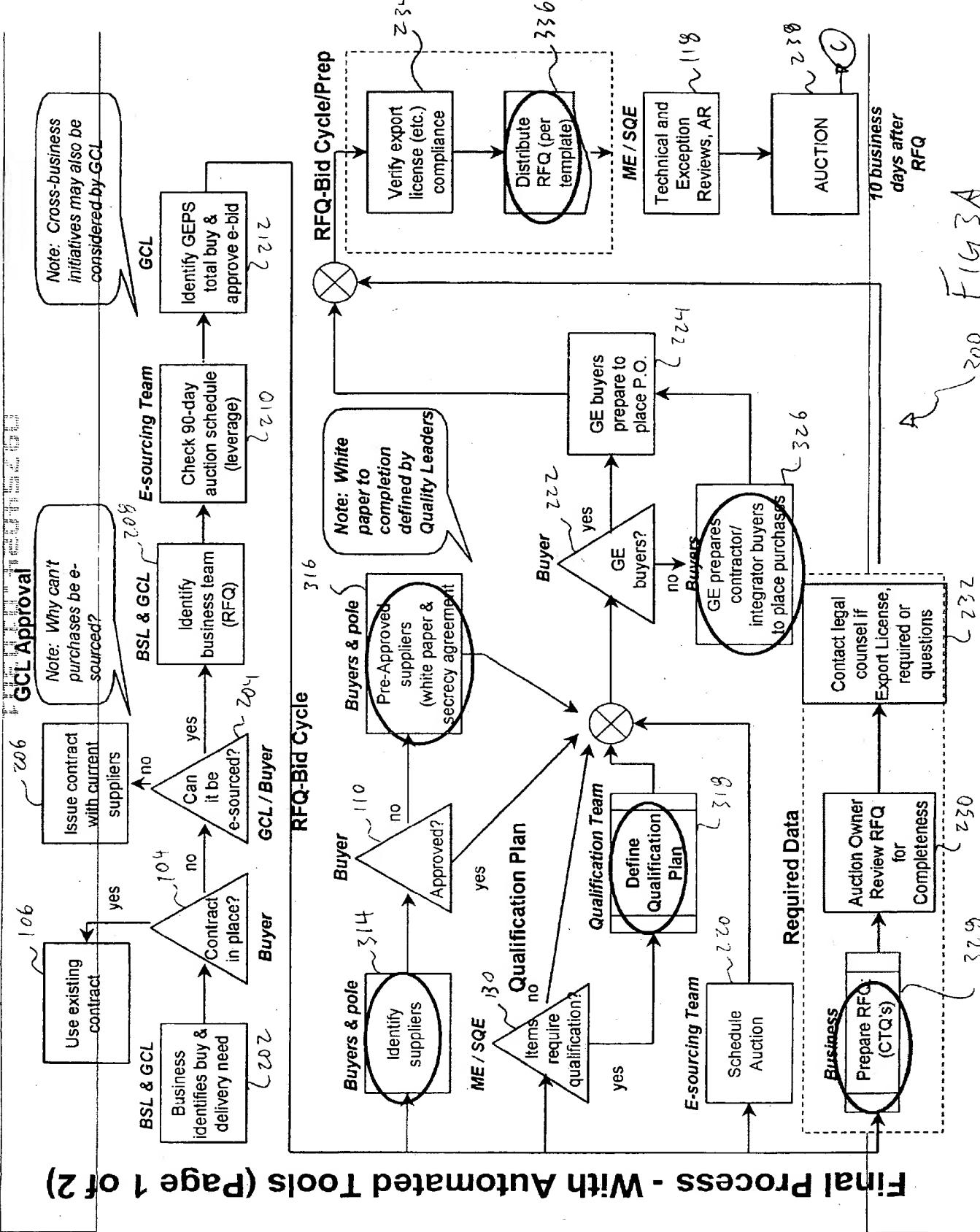


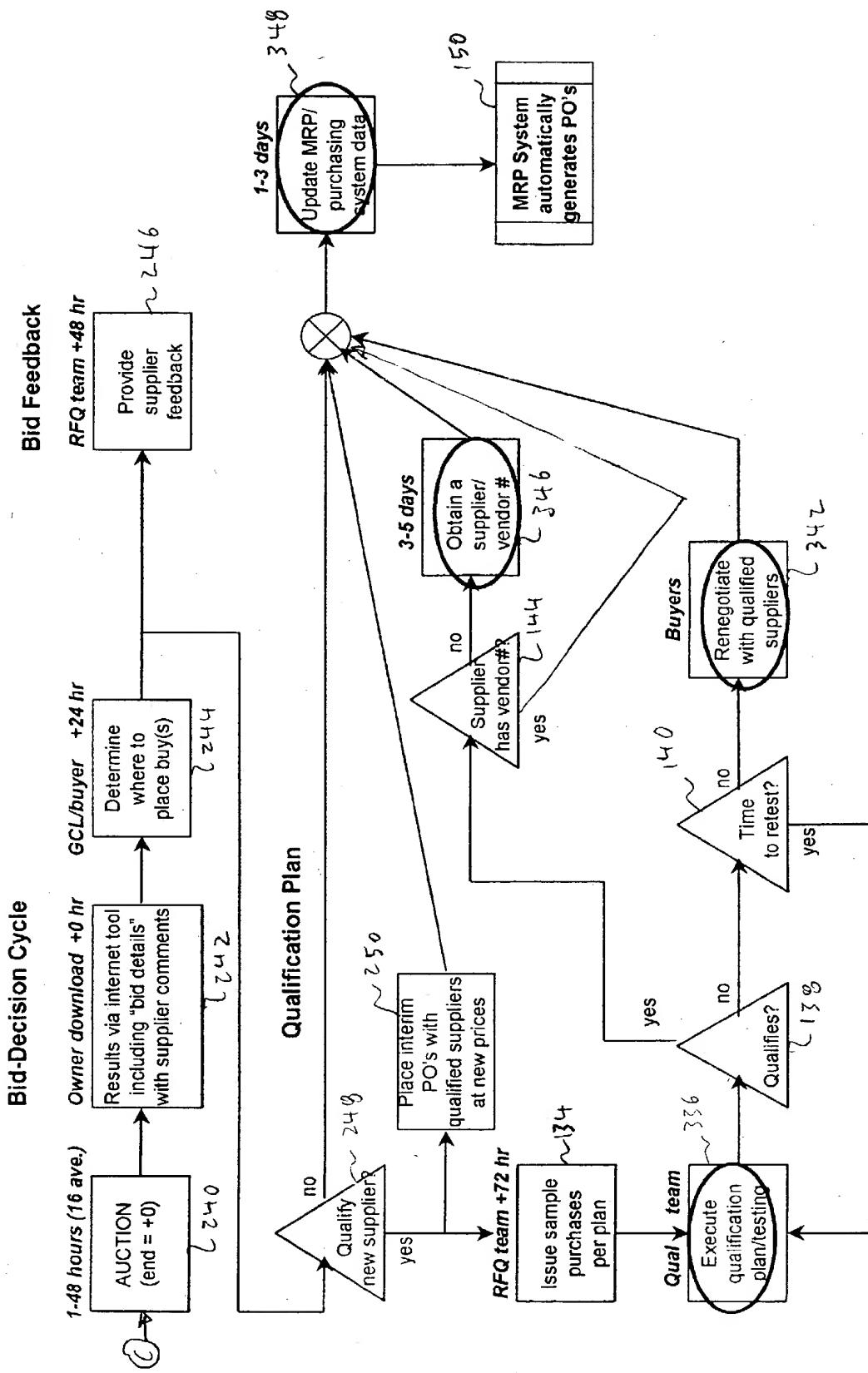
Fig 21

Am 200

Final Process - With Automated Tools (Page 1 of 2)



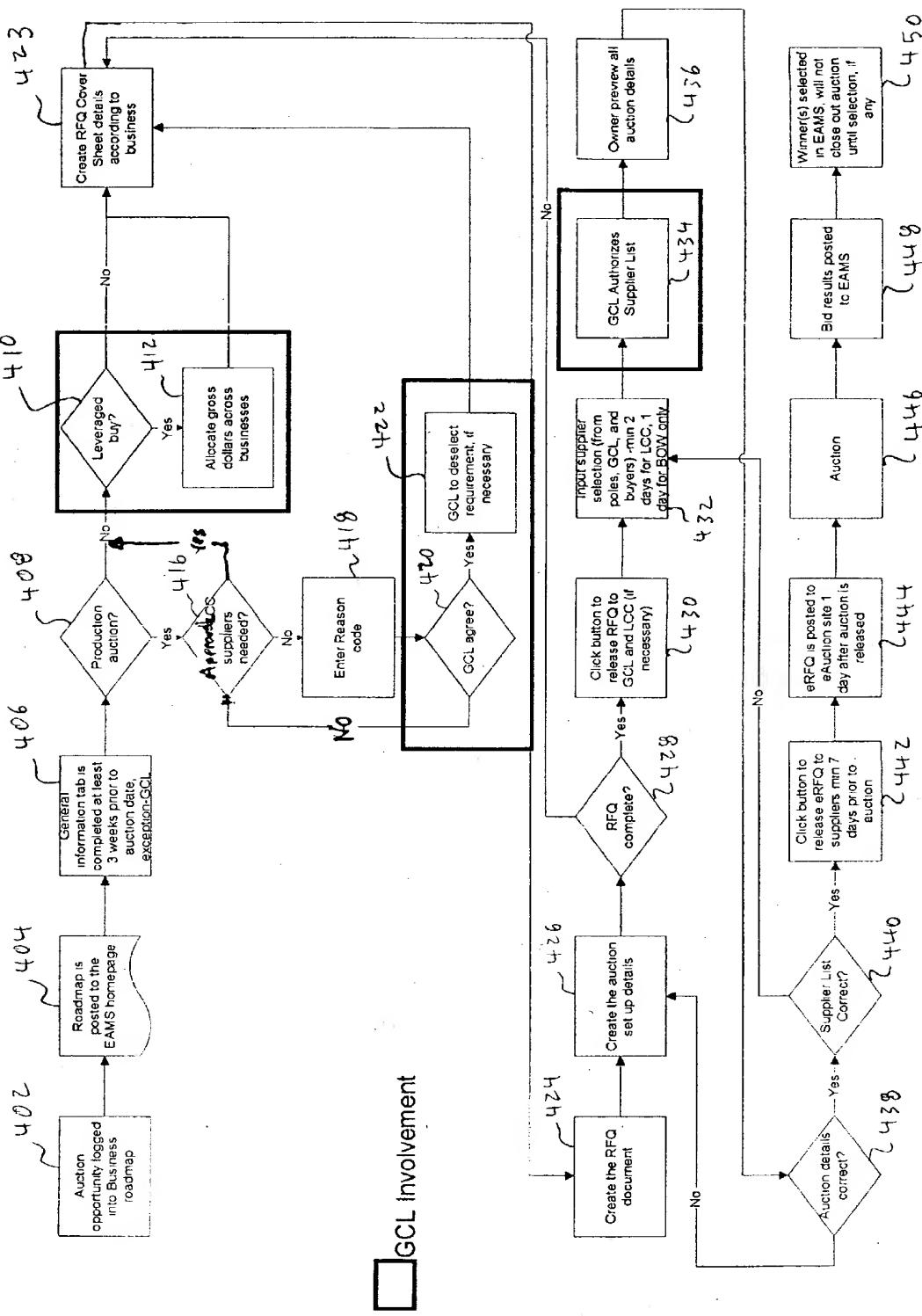
Final Process - With Automated Tools (Page 2 of 2)



F167 33

300

Fig 4



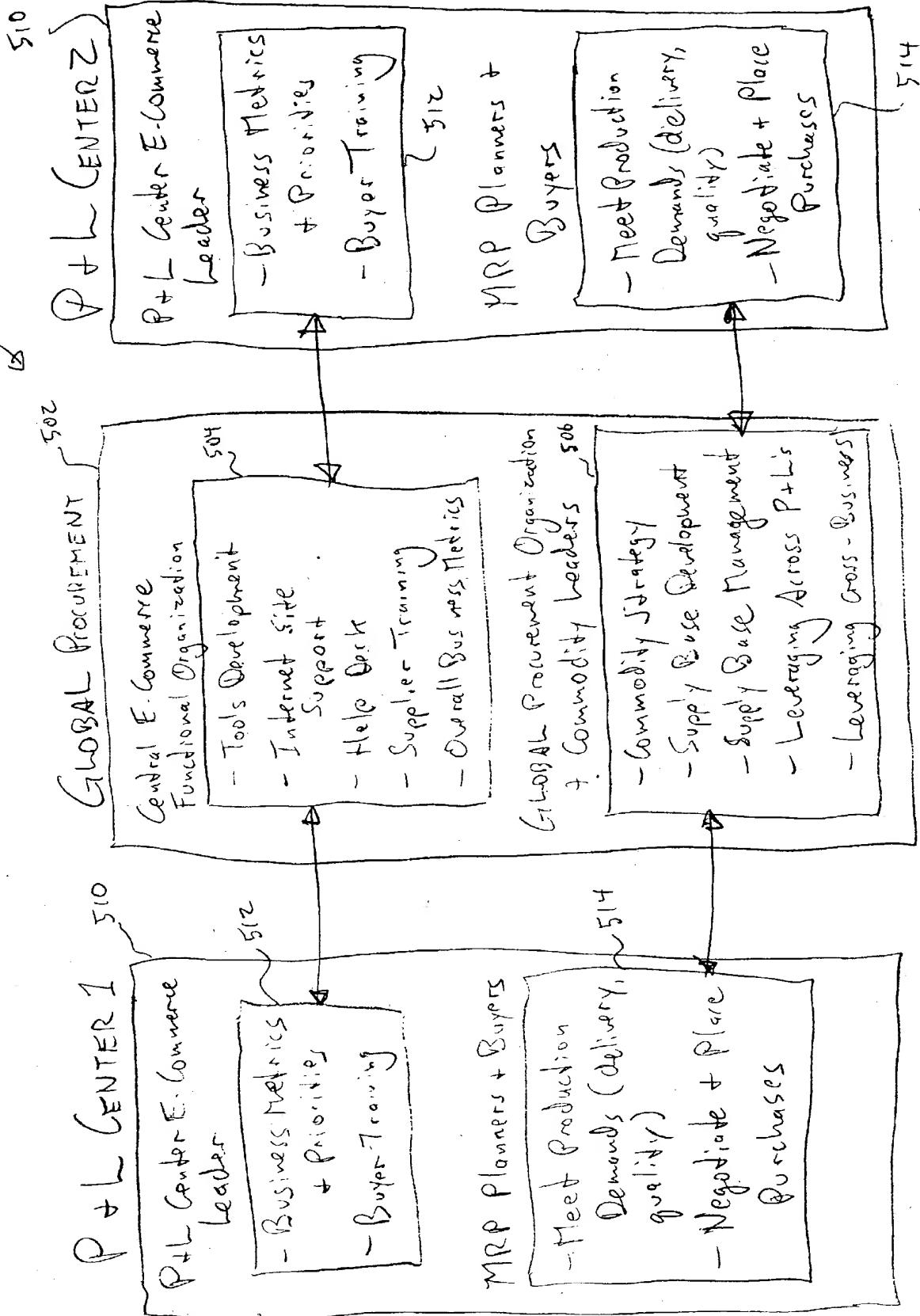


Fig. 5

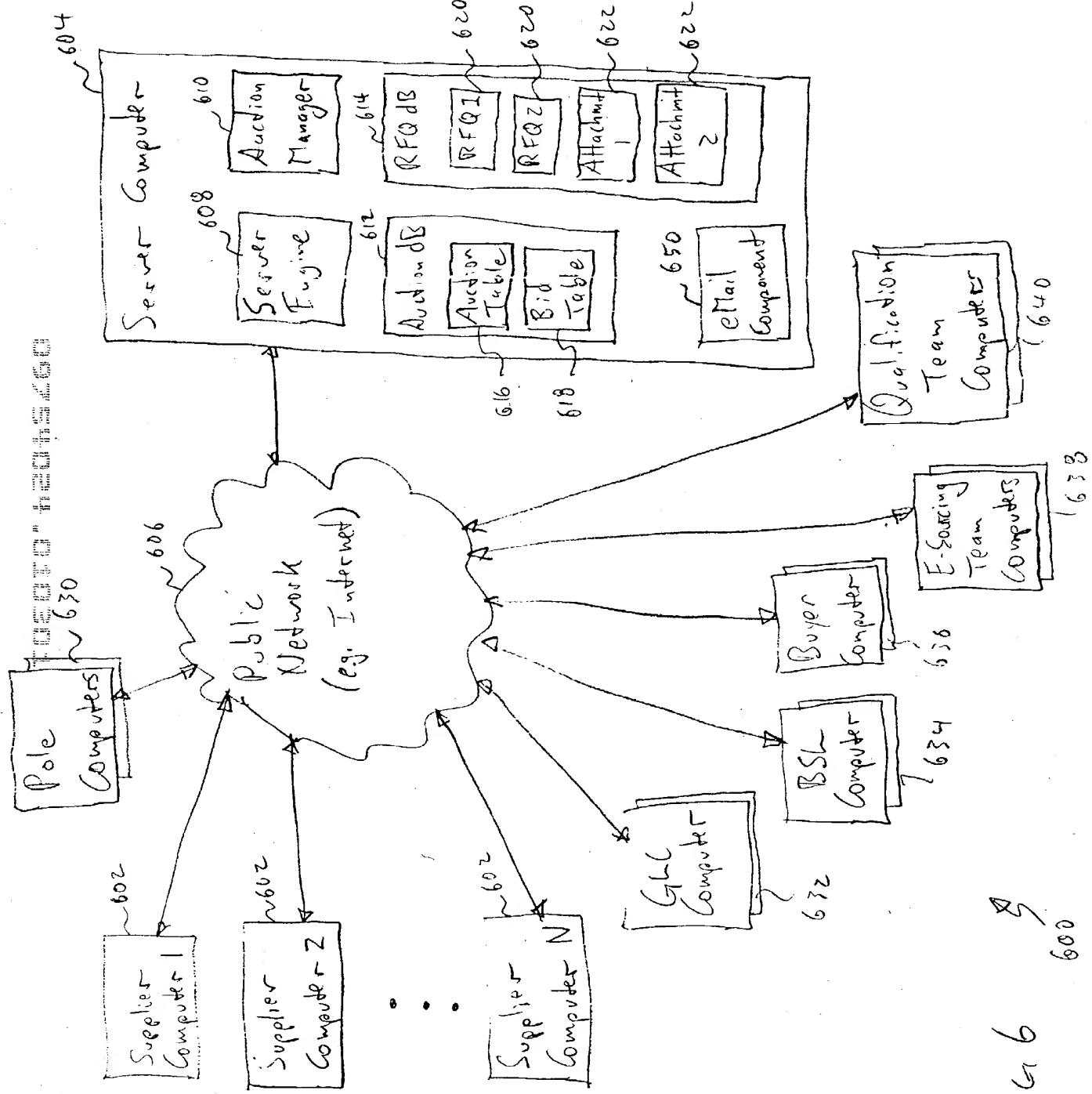
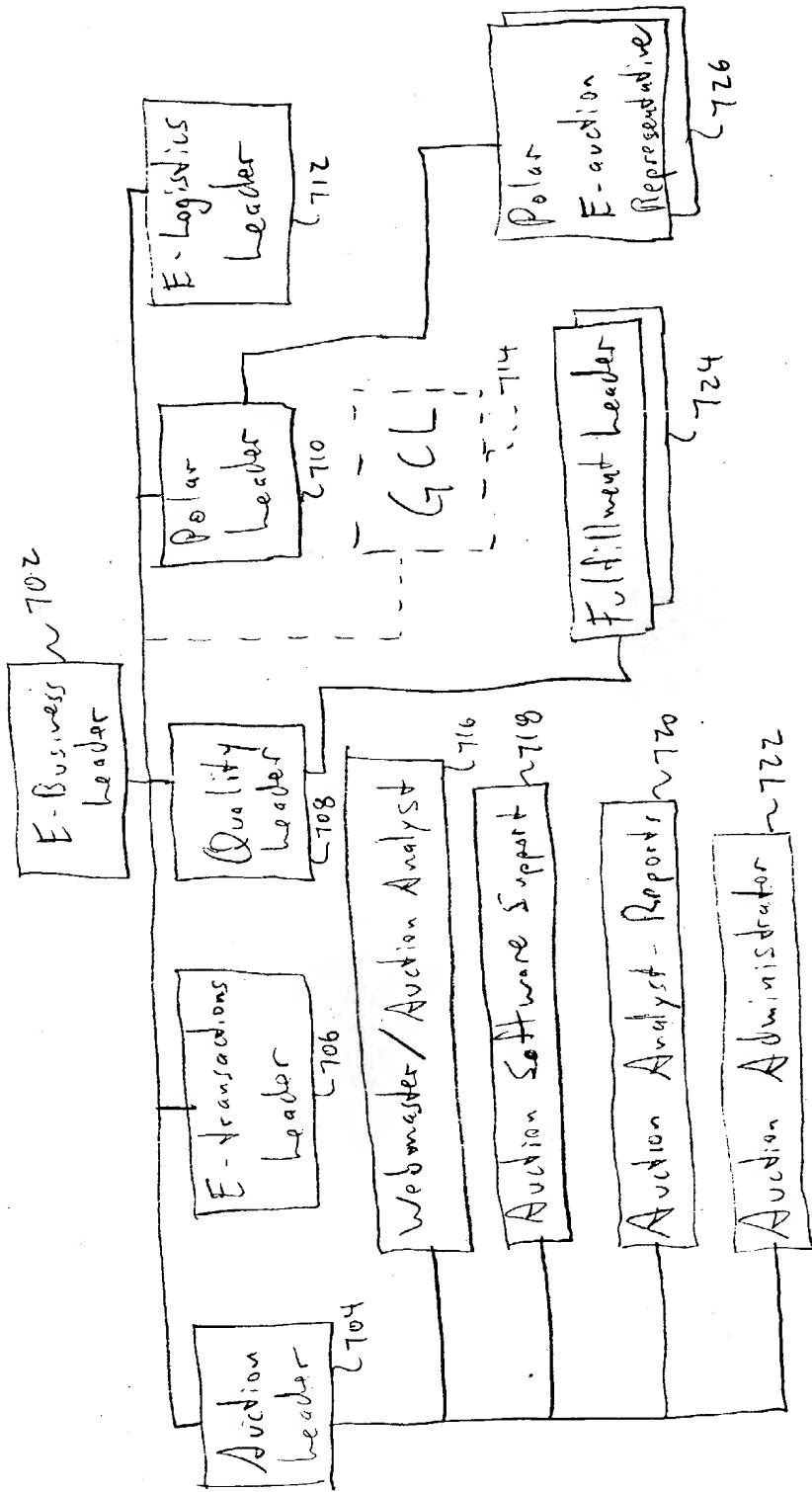


Fig 6
600



700

Fig 7

Design/Build, Verify/Conduct, Analyze

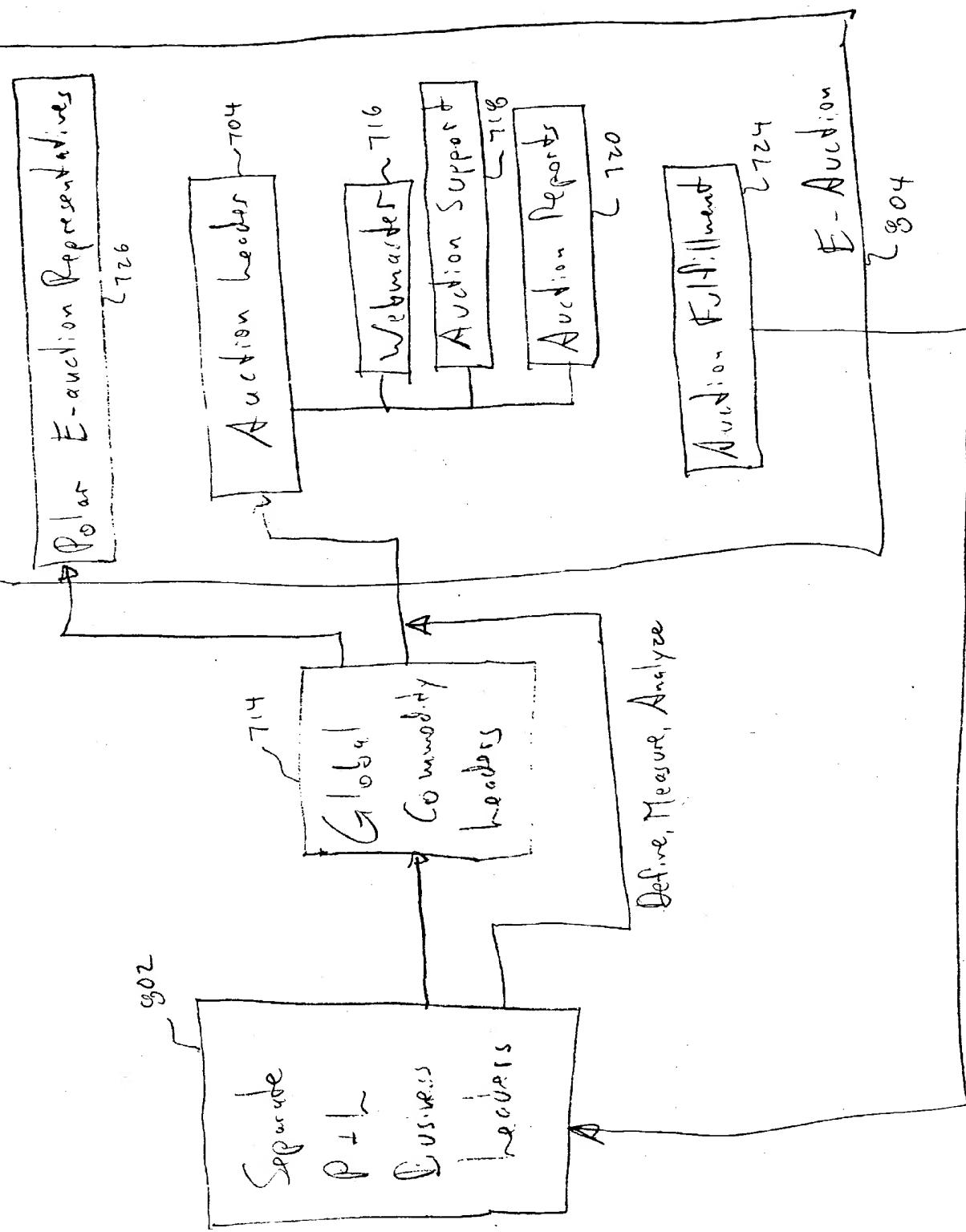


Fig 8

Login Screen

F 16 9 A
T G E C T G " H E E O H I S Z E G C

Global Sourcing test

business units intranets functional communities Inside ISERS

news & info events tools & training library

Inside GEAS

Global Sourcing Home

E-Auctions System Management Version 1.0A

Organization Commodities Six Sigma Quality Supplier Qualification Logistics & Transportation Data Warehouse Oracle Procurement Purchasing Card Foreign Exchange Accounts Payable eSourcing On-Line Auctions Interactive Tools

Forgot your password?

New!

Need help?

The Live E-Auctions web site has moved to : www.genebid.com

Gatekeeper: Nilgi Kharana | Webmaster: Bernardo Thurolo

Page Last Modified: Friday September 29 2000

F 16 9 A

User Home Page Screen

Global Sourcing test

inside GEPS business units intranet functional communities inside GEPS

news & info events tools & training library

E-Auctions Management System Version 1.0A

Kathy Coffman, E-Auctions BlackBelt, Mon Nov 06 09 45 23 EST 2000

MY TASKS

TOOLS

View Targets ~ 902 Request New Auction ~ 904

My Auctions ~ 1106 Add New Supplier ~ 908 My Suppliers ~ 910 User Settings ~ 912

Need help?

Metrics

Tool Metrics

Search for [Auctions ▾ where the Number ▾ is like [914]]

Submit

MY HOME PAGE

Login

Contact Us

Auction #
NO OPEN TASKS IN YOUR IN BOX

Description Requester Due Date

Fig 9B

List of User-Associated Auctions Screen

News & Info events tools & training library business units/intranets functional communities Inside GEPS

Global Sourcing test

Comments

MY AUCTIONS					
<input type="button" value="All time"/>		<input type="button" value="Today"/>		<input type="button" value="Search"/>	
Number	Business	Name	Commodity	File Year	Start Date
P00570	EP-Steam/Gen	HP \ IP shell	Structural Components - Sand Castings	31	2000
P00817	EP-Gas	Steel Alloy Rotor Forgings	Machined Forgings	36	2000
P00818	EP-Gas	7E & GFA Retaining Ring Machining	Machined Forgings	36	2000
P00819	EP-Gas	GFA Bearing	Machined Forgings	36	2000
P00858	Energy Services	Frame 5/1, 5/2 bucket casting auction	Investment Castings	48	2000
P00949	Nuovo Pignone	Ball Valve Forgings - On 20	Machined Forgings	48	2000
P01014	EP-Hydro	Hydro 082 Crown and band	Structural Components - Sand Castings	49	2000
P01012	Nuovo Pignone	Casing Forged - Thermodyn XH8275	Machined Forgings	46	2000
P01031	Nuovo Pignone	FWD S/S	Machined Forgings	46	2000
P01026	EP-Hydro	Hydro Wicket Gates	Structural Components - Sand Castings	46	2000
P01028	EP-Hydro	Hydro Martin Crown and Band	Structural Components - Sand Castings	46	2000
P01127	EP-Hydro	Hydro Martin Runner Blades	Structural Components - Sand Castings	46	2000
P01005	EP-Gas	Diaphragm Casting	Structural Components - Sand Castings	44	2000
P00858	EP-Steam/Gen	Coupling Parts	Machined Forgings	44	2000
P00871	EP-Hydro	Pelton runners - RFQ 0073	Structural Components - Sand Castings	44	2000

Showing Records 1 to 15 of 148 Found (Page # 1 of 10)

Search for where the is like

is like

~ 922 ~ 920

Fig 9C

Business Metrics Screen

News & info Events & training Library Business units/intranets Functional communities Inside GEPS

Global Sourcing test

SET / UPDATE TARGET

Version 1.0A Kathy Coffman, E-Auctions BlackBell, Mon Nov 06 09:46:26 EST 2000

E-Auctions Management System

View by Business ▾

The screenshot shows a dashboard with several sections. At the top, there are links for news/info, events/training, library, business units/intranets, functional communities, and inside GEPS. Below that is a large title 'Global Sourcing test'. Underneath the title, there's a 'SET / UPDATE TARGET' button. A message box displays 'Version 1.0A' and 'Kathy Coffman, E-Auctions BlackBell, Mon Nov 06 09:46:26 EST 2000'. The main area is titled 'E-Auctions Management System' and has a 'View by Business ▾' dropdown. The interface includes a sidebar with a logo for 'GEPS' and a navigation menu.

Business	Direct Material			Business Commodities		
	Auctioned	Scheduled	TBD	Total	Target	Gap
EP Steam/Gen						
EP Gas						
EP PPE						
EP-EPE						
EP Hydro						
Energy Services						
Nuovo Pignone						
SSEP						
GENE						
Power Systems						
GE X Business						
GNF						
DNF						
EP CASE/MSD						
EP-Glegg						
Total						

Company Proprietary Data

The screenshot shows a list of companies under the heading 'Company Proprietary Data'. The companies listed are: EP Steam/Gen, EP Gas, EP PPE, EP-EPE, EP Hydro, Energy Services, Nuovo Pignone, SSEP, GENE, Power Systems, GE X Business, GNF, DNF, EP CASE/MSD, EP-Glegg, and Total. There is also a 'View by Business ▾' dropdown at the bottom.

Fig 9D

Request a Future Auction Screen With Commodity List Pull-Down

INSIDE GEPS

news & info events tools & training library business units intranets functional communities

Global Sourcing test

GEPS

REQUEST NEW AUCTION

Version 1.0A

Kathy Coffman, E-Auctions BlackBelt, Mon Nov 06 09:48:36 EST 2000

RFQ Info Auction Setup Suppliers Bidding Details PO Schedule PO Placement

STEP #1. GENERAL INFORMATION

Auction Name:
Auction Type:
Owner: Coffman, Kathy
Business:
Buyer:
Gross Value (Financial) USD
Initial PO Date:
Comments:

Auction Date: FW:
Year:
Commodity:
BC-Capital Expenditures
BC-Chemicals
BC-Contract Services
BC-EHS
BC-Engineering Services
BC-Facilities
BC-Logistics
BC-MRO-Abrasives
BC-MRO-All Other
BC-MRO-Cutting Tools

FIG 9E

Auction RFQ Information Screen-Top

news & info	events	tools & training	library	functional communities	inside GERS
Global Sourcing fest					
Post RFQ Edit RFQ View RFQ RFQ Status RFQ History					
Logout Logout					
E-Auctions & System Management					
Version 1.0A					
Kathy Coffman, E-Auctions BlackBell, Mon Nov 06 09:51 EST 2000					
General Info RFQ Info Auction Setup Suppliers Bidding Details PO Schedule PO Placement					
RFQ INFORMATION					
Section A. RFQ Details					
First Open MRP Date:	MAR	15	2001	Incoterms:	Free on Board
Required Delivery Cycle:	5	months	Shipping Port:	Your nearest port	
Payment Terms:	Discount Program - Net 15		Export License Required:	No	
<input type="checkbox"/> Net 120		<input type="checkbox"/> Net 30		<input type="checkbox"/> Net 45	
<input type="checkbox"/> Net 45		<input type="checkbox"/> Net 60		<input type="checkbox"/> Net 90	
<input type="checkbox"/> Net 60		<input type="checkbox"/> P-Card		<input type="checkbox"/> P-Card	
Section B. Internal and External Review					
Tech. Review Required?	No		Supplier Review Time:	5	days
Review Period:	0 days		Post RFQ to E-Auctions?	No	
Review Team:	Administrator, Administrator		Website?	No	
(Hold Ctrl Key to select multiple)		Agneilo, Angela Alberti, Anna multiple <input checked="" type="checkbox"/> Alper, Serhat <input checked="" type="checkbox"/> Alpturk, Ali Kadir		Comments to Supplier: Best delivery unit one best price and	
Section C. Attached Files:					
Castings RFQ.doc					
Gates II					

F1996

Auction RFQ Information Screen - Bottom

Alper, Serhat
Alpturk, Ali Kadir

Comments to Supplier: best delivery unit
one best price and

Section C. Attached Files:

Castings RFQ.doc
Gates.iii
ins01771.pdf

open

Review Offering Details

My Tasks related with this RFQ:

Assign Task To:

- Auction Owner
- E-Business Leader
- Global Commodity Leader
- E-Auctions BlackBelt
- Polar Rep.
- Business Specific Commodity Leader
- RFQ Review Team
- Email
- Email

Subject	Due Date (mm/dd/yyyy)
Review/Update Auction #	11/13/2000
Review/Approve Auction	11/13/2000
Review/Approve Auction	11/13/2000
Review/Update Auction #	11/13/2000

Subject	Due Date (mm/dd/yyyy)
Review/Update Auction #	11/13/2000
Review/Approve Auction	11/13/2000
Review/Approve Auction	11/13/2000
Review/Update Auction #	11/13/2000

Leave Due Date blank for 7 days from now

F16 9H

Auction Set-Up Screen - Top

news & info	events	tools & training	library
Issues GEPS			
Global Sourcing test			
Business units intranets			
Functional communities			
Inside GEPS			

E-Auctions System Management

Version 1.0A

Kathy Coffman, E-Auctions BlackBelt, Mon Nov 06 09:52:18 EST 2000

Auction: P01026, Hydro Wicket Gates

General Info	RFO Info	Auction Setup	Suppliers	Bidding Details	EO Schedule	PO Placement
--------------	----------	---------------	-----------	-----------------	-------------	--------------

AUCTION SETUP

Section A. E-Auction Settings

Currency

Extensions:

Multiple Bid Screen: No
Hide Start Price: No
Hide Lowest Bid: No

If Bid occurs in the last minutes,
then extend for minutes,
up to a maximum of times.

Section B. Auction Offerings

Incomplete offerings

User Defined RFQ Input Fields (optional)

1.
2.
3.
4.
5.

My Tasks related with this Auction Setup:

Assign Task To:	Subject	Additional Comments	Due Date (mm/dd/yyyy)
<input checked="" type="checkbox"/> Auction Owner	<input type="text" value="Review Auction Setup for"/>	<input type="text"/>	<input type="text" value="11/13/2000"/>

F1G 9I

Auction Set-Up Screen - Details Window

Offerings for Hydro Wicket Gates auction

GMT-5:00 Eastern time (US & Canada), New York									
Type	Category	Description	Part number	Quantity	Start date	Start time	End date	End time	Starting price
	Leave blank for default				MM/DD/YY	HH:MM AM/PM	MM/DD/YY	HH:MM AM/PM	
Reverse Sealed		Wicket Gates		60	11/03/2000	08:00 AM	11/03/2000	09:00 AM	500000
copy	Reverse								0
copy	Reverse								0
copy	Reverse								0
copy	Reverse								0

F1G1 9J

Add Supplier Screen with Pole Pull-Down

News & Info events tools & training library functional communities Inside GEPS

business units intranets Global Sourcing test Suppliers

E-Auctions Management Version 1.0A Kathy Coffman, E-Auctions BlackBelt, Mon Nov 06 09:57:58 EST 2000

ADD NEW SUPPLIER

*Supplier Name _____

Supplier Code _____

*Pole

*Country

Web Site

Supplier Contact #1

First Name _____
Title _____
Fax _____

Supplier Contact #2

First Name _____
Title _____
Fax _____

*Secrecy-Agreement

*GE Approved

*White Paper

*Integrity Compliance Document

Businesses with previous experience with this supplier:

EP.CASE/MSD EP-EPE EP-Gas EP-Glegg

Fig 9K

Add Supplier Screen with Asian Countries Pull-Down

news & info	events	tools & training	literacy	functional communities	inside GEPS
 <h1>Global Sourcing test</h1> <p>Supplier Management System</p> <p>Version 1.0A Kathy Coffman, E-Auctions BlackBelt, Mon Nov 06 09:57:59 EST 2000</p> <p>ADD NEW SUPPLIER</p> <p>*Supplier Name <input type="text"/></p> <p>Supplier Code <input type="text"/></p> <p>*Pole <input type="text" value="Asia"/> <input checked="" type="radio"/></p> <p>*Country <input type="text"/> <input checked="" type="radio"/></p> <p>Web Site <input type="text"/> <input checked="" type="radio"/></p> <p>Supplier Contact #1</p> <p>First Name <input type="text"/> <input checked="" type="radio"/></p> <p>Title <input type="text"/> <input checked="" type="radio"/></p> <p>Fax <input type="text"/> <input checked="" type="radio"/></p> <p>Supplier Contact #2</p> <p>First Name <input type="text"/> <input checked="" type="radio"/></p> <p>Title <input type="text"/> <input checked="" type="radio"/></p> <p>Fax <input type="text"/> <input checked="" type="radio"/></p> <p>*Secrecy-Agreement <input checked="" type="checkbox"/> <input type="radio"/></p> <p>*GE Approved <input checked="" type="checkbox"/> <input type="radio"/></p> <p>*White Paper <input checked="" type="checkbox"/> <input type="radio"/></p> <p>*Integrity Compliance Document <input checked="" type="checkbox"/> <input type="radio"/></p> <p>Businesses with previous experience with this supplier:</p> <p><input type="checkbox"/> EP-CASE/MSD <input type="checkbox"/> EP-EPE <input type="checkbox"/> EP-Gas <input type="checkbox"/> EP-Gleg</p>					

Fig 9 L

Add Supplier Screen - Bottom

Supplier Contact #2	First Name	Last Name
Title	Phone	
Fax	E-Mail	
*Secrety-Agreement	<input type="checkbox"/> <input checked="" type="checkbox"/>	*GE Approved
Businesses with previous experience with this supplier:		
<input type="checkbox"/> EP-CASE/MSD	<input type="checkbox"/> EP-EPE	<input type="checkbox"/> EP-Gas
<input type="checkbox"/> EP-Hydro	<input type="checkbox"/> EP-PPE	<input type="checkbox"/> EP-Steam/Gen
<input type="checkbox"/> GE X-Business	<input type="checkbox"/> GENE	<input type="checkbox"/> GNF
<input type="checkbox"/> Nuovo Pignone	<input type="checkbox"/> Power Systems	<input type="checkbox"/> SSEP
This supplier has the potential to provide:		
<input type="checkbox"/> All Business Commodities	<input type="checkbox"/> All Commodities	<input type="checkbox"/> All Direct Material
<input type="checkbox"/> BC-Capital Expenditures	<input type="checkbox"/> BC-Chemicals	<input type="checkbox"/> BC-Contract Services
<input type="checkbox"/> BC-EHS	<input type="checkbox"/> BC-Engineering Services	<input type="checkbox"/> BC-Facilities
<input type="checkbox"/> BC-Logistics	<input type="checkbox"/> BC-MRO-Abrasives	<input type="checkbox"/> BC-MRO-All Other
<input type="checkbox"/> BC-MRO-Cutting Tools	<input type="checkbox"/> BC-Office Technology	<input type="checkbox"/> BC-Software Services
<input type="checkbox"/> BC-Tooling/Fixtures	<input type="checkbox"/> BC-Utilities	<input type="checkbox"/> BOP
<input type="checkbox"/> Combustion	<input type="checkbox"/> Direct-All Other	<input type="checkbox"/> Electrical
<input type="checkbox"/> Generators	<input type="checkbox"/> Global Logistics - Routing Center	<input type="checkbox"/> Investment Castings
<input type="checkbox"/> Machined Forgings	<input type="checkbox"/> Mechanical & Fluid Systems	<input type="checkbox"/> Piping/Valve
<input type="checkbox"/> Raw Materials	<input type="checkbox"/> Structural Components (Cast & Fab)	<input type="checkbox"/> Structural Components - Sand Castings

Save

Fig 9M

Import Supplier (from Purchasing System) Screen

Global Sourcing test

Functional communities
Business units/intralines
Inside GERS

Library
Tools & Training
Events
News & Info

E-Auctions & System Management

Version 1.0A
Kathy Coffman, E-Auctions BlackBelt, Mon Nov 06 10:00:38 EST 2000

Bring Supplier from Oracle

Enter Supplier Name:

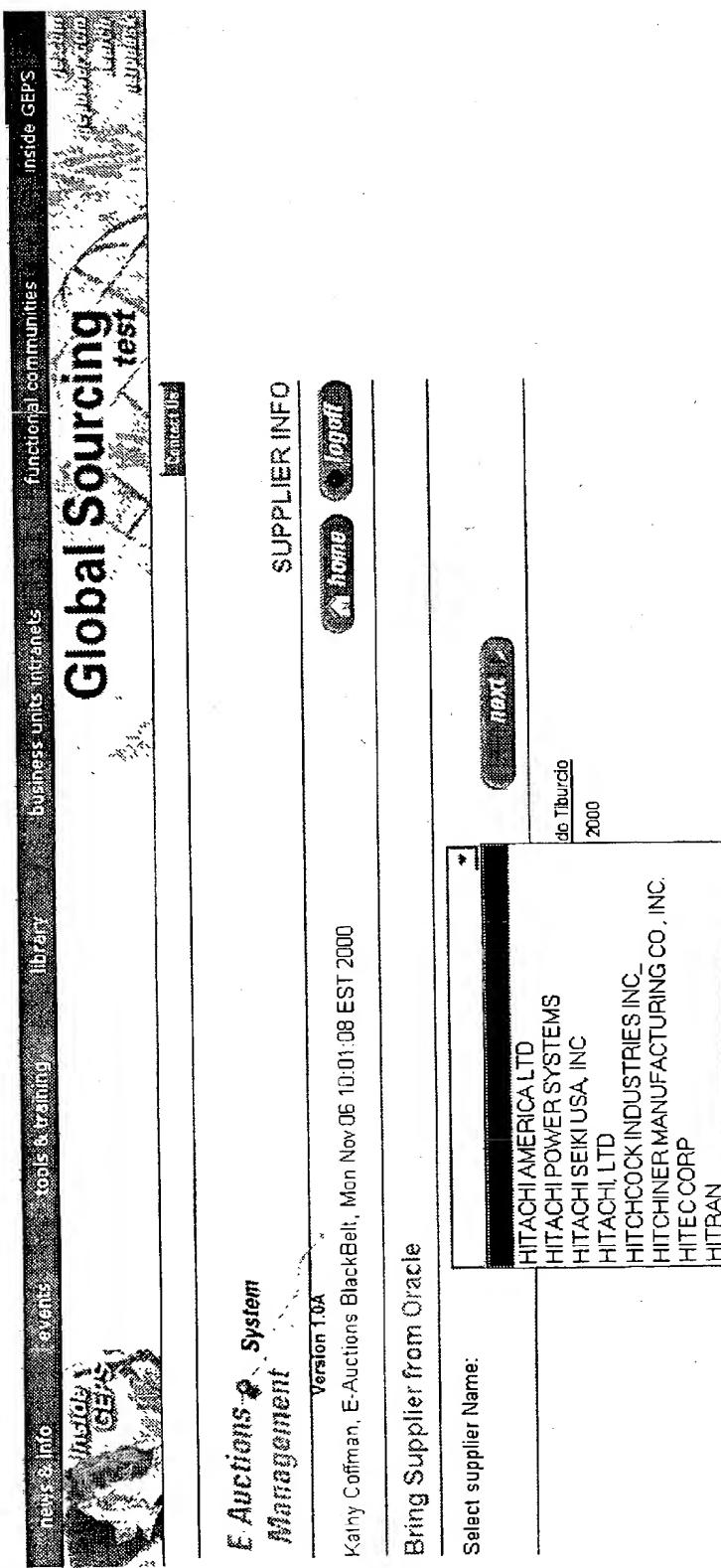
SUPPLIER INFO

Name:
Phone:
Fax:

Gatekeeper: Niraj Khurana Webmaster: Bernardo Tiburcio
Page Last Modified: Friday September 29 2000

Fig 9N

Import Supplier (from Purchasing System) (continued)



Import Supplier (from Purchasing System) (continued)

Kathy Coffman, E-Auctions BlackBell, Mon Nov 06 10:01:29 EST 2000

Bring Supplier from Oracle

*Supplier Name HITACHI AMERICA LTD
Supplier Code 112683

*Post
*Country
Web Site

Supplier Contact #1

First Name
Title
Fax

Supplier Contact #2

First Name
Title
Fax

*Secrecy Agreement

*GE Approved

Businesses with previous experience with this supplier:

- EP-CASE/MSD EP-EPE
- EP-Hydro EP-PPE
- GE X-Business GENE
- Nuova Pignone Power Systems
- EP-Gas EP-Steam/Gen
- GNF JNF
- SSEP

*White Paper
*Integrity Compliance Document

This supplier has the potential to provide:

- All Business Commodities All Commodities
- BC-Capital Expenditures BC-Chemicals
- BC-EHS BC-Engineering Services
- BC-Industrial BC-MRO/Abbrications
- All Direct Material BC-Contract Services
- BC-Facilities BC-Misc All Other

F1G 9P

Search by Supplier (User Supplier List)

inside GEPS

functional communities

business units/intranets

library

tools & training

events

news & info

Global Sourcing test

Supplier Web Site

E-Auctions System Management Version 1.0A

Kathy Coffman, E-Auctions BlackBelt, Mon Nov 06 10:02:19 EST 2000

Supplier Name

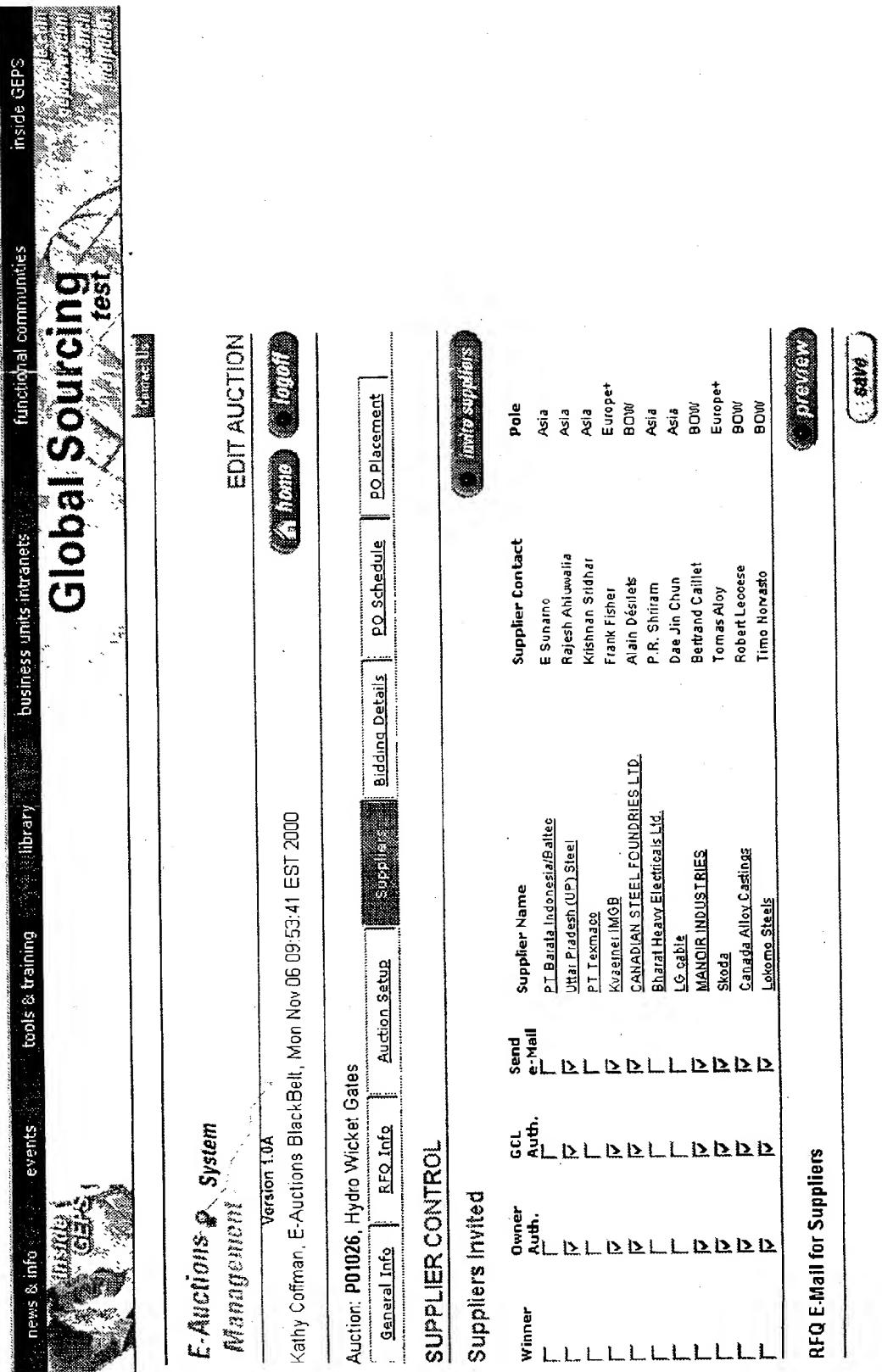
NO RECORDS FOUND

Search for Suppliers where the Name is like

Gatekeeper: Natali Khurana | Webmaster: Bernardo Teurcio
Page Last Modified: Friday September 29 2000

Fig 9Q

Supplier List Screen



Bidding Results Screen

functional communities inside GEPS

business units, intranets library tools & training news & info

Global Sourcing

test

Contractors

E-Auctions System Management Version 1.10A

Kathy Coffman, E-Auctions BlackBelt, Mon Nov 06 09 54:21 EST 2000

Auction: P01026, Hydra Wicket Gates

General Info	RFO Info	Auction Setup	Suppliers	Bidding Details	PO Schedule	PO Placement	Export to Excel
--------------	----------	---------------	-----------	-----------------	-------------	--------------	-----------------

Offering Name: Start Price: Best Supplier:
Wicket Gates - null 500,000.000 225,970,000 Uttar Pradesh (UP) Steel!

Import bids Import from deposit bid

Gatekeeper: Nirei Khurana | Webmaster: Bernardo Tiburcio
Page Last Modified: Friday September 29 2000

Fig 9S

Purchase Order Schedule Screen

news & info	events	tools & training	library	functional communities	inside GEPs
Global Sourcing					
 E-Auctions System Management					
Version 1.0A					
Auction: P01026, Hydro Wicket Gates      					
If POs have not been placed, please update the PO Placement Schedule below. (Enter your scheduled PO Amounts in USD)					
Overdue: _____ Nov 2000: _____ Mar 2001: _____ Jul 2001: _____ Dec 2000: _____ Apr 2001: _____ Aug 2001: _____ Jan 2001: _____ May 2001: _____ Sep 2001: _____ Feb 2001: _____ Jun 2001: _____ Oct 2001: _____ Beyond: _____					
Comments: _____					

Purchase Order Tracking Screen

Global Sourcing test

Functional communities Business units/intranets Tools & training Events News & info Library Inside GEPS

E-Auctions System Management

Version 1.0A

Kathy Coffman, E-Auctions BlackBelt, Mon Nov 06 09:55:28 EST 2000

Auction: P01026, Hydro Wicket Gates

PO PLACEMENT

Home Logout

General Info RFQ Info Auction Setup Suppliers Bidding Details PO Schedule PO Placement

SixSigma Project: If Yes, QPT Number: Update

PO's already placed for this Auction:

PO Number	Supplier Name	PO Date	PO Status	PO Amount	PO Savings
No PO's is been added to this Auction					

Logout

Gatekeeper: Niraj Khurana | Webmaster: Bernardo Tiburcio
Page Last Modified: Friday September 28 2000

Fig 9a

Fig. 9 V